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Claims 1-59 are now pending: claim 21 is amended while claims 39 through 59 are newly added in order to further define the various features of the elected embodiments.

Claim 25 is amended to define the "plug" with the art recognized term of "cylinder plug". Claim 25 remains patentably distinguishable over the art for the reasons set forth in Applicant's earlier filed response. Dependent claims 39 through 41 further define Applicant's lock, with the logic circuit and electrical conductor either provided by, or borne by Applicant's plug, that was discussed in Applicant's earlier filed response.

Independent claim 43, together with dependent claims 44 and 45, define alternatively to claim 14, the structure of Applicant's lock including the conductor, logic circuit and operator that, in combination, distinguish claim 14 from the prior art. Claim 44 defines the sidebar embodiment while claim 45 defines the arm that engages the cylinder.

Independent claims 46 and 56, together with claims 47-53 depending thereon, define the structure alternative to claim 25, with the bar borne by the plug while rotating with the plug relative to the shell, and the operator obstructing movement of the bar. The combination of Aston U.S. 5,351,042 modified according to Clarkson U.S. 4,789,859 provides a bar and electrical core outside of Applicant's cylinder plug. This negates the advantageous ability to implement Applicant's lock in a compacted structure, as well as the ability to retro-fit a lock using Applicant's structure.

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It should also be noticed that other art of record such as that represented by DiVito U.S. 5,423,198 uses an operator outside of the cylinder plug, that acts upon a pin tumbler set within a plug.

In view of these and other distinctions, as well as for the reasons set forth in Applicant's earlier filed responses, newly presented claims 39-59 are deemed to be patentably distinguishable and allowable over the art.

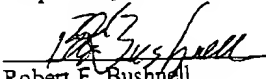
The Examiner's attention is invited to the recently discovered Thordmark U.S. 5,542,274 patent for a cylinder lock, issued 6 August 1996. The embodiments disclosed by Thordmark '274 are readily distinguishable from the pending claims, for the reasons set forth in the earlier paragraphs.

In view of the foregoing amendments and remarks, all claims are deemed to be in condition for allowance. Should questions remain unresolved however, or should there be outstanding formalities, the Examiner is requested to telephone Applicant's undersigned attorney.

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A fee of \$306.00 (SMALL ENTITY) is incurred by the addition of twenty-one (21) dependent claims in excess of 38 and three (3) independent claims in excess of 5. Applicant's check drawn to the order of Commissioner accompanies this Response. Should the check become lost, should other fees be incurred, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of such fees.

Respectfully submitted,


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